

S3 Table. Tissue expression of *LTBP4* coordinately expressed genes.

| Tissue | P-value |
|--|----------------|
| Heart | 2.43E-12 |
| Placenta | 3.00E-09 |
| Plasma | 3.53E-09 |
| Liver | 1.14E-06 |
| Brain | 1.22E-06 |
| Aorta | 1.41E-06 |
| Lung | 6.09E-06 |
| Uterus | 2.40E-05 |
| Fibroblast | 9.77E-05 |
| Adipocyte | 0.001667018 |
| Cartilage | 0.001937652 |
| Fetal lung | 0.002123478 |
| Synovial membrane | 0.002567117 |
| Colon tumor | 0.003405925 |
| Platelet | 0.003686038 |
| Skeletal muscle | 0.003759569 |
| White Matter pool- 5 brain tissues- femoral artery | 0.006170416 |
| Embryo | 0.011716358 |
| Umbilical vein endothelial cell | 0.01208514 |
| Pancreas | 0.012565667 |
| Fetal brain cortex | 0.017828712 |
| Epithelium | 0.021593582 |
| Kidney | 0.025073738 |
| Bone marrow | 0.02598837 |
| Foreskin | 0.027471571 |
| Synovial membrane tissue | 0.030804699 |
| Umbilical vein | 0.035979968 |
| Cancellous bone | 0.041333335 |
| PNS | 0.044367471 |
| Muscle | 0.048099421 |